

8th Grade Distance: Distance Learning Activities

March 30- April 3 Lesson Plan for Grade 8 Science

Prepared by Mr. Mapes

OVERVIEW & PURPOSE

Students will review their learning from the state standards from previous semesters in the area of chemistry, physics, and genetics. Students will analyze questions, build models, review vocabulary, and summarize learning.

When each of the activities are completed, either write in your answers in the spaces provided and save in your science folder for when we return, or post a picture (with labels) on google classroom - aka "GC". (See Monday for class code)

MONDAY

1. Sign up for REMIND to stay in contact with Mr Mapes (including question of the day and Kahoot game pins). Enter the following link into your web browser:
<https://www.remind.com/join/gg49e9>
2. If you have access Sign up for the 8th Science Distance Learning (8DL) google classroom using the following class code: **3WsdXwn**. Do not worry if you do not have access. Save all work in your Science folder for when we return.

TUESDAY - Vocabulary Review for Chemistry (Physical Properties)

1. Look throughout your house / yard to find items that match the term provided.
 - a. Find an object that is **malleable**. _____
 - b. Find an object that is **soluble** . _____
 - c. Find an object that is **magnetic**. _____
 - d. Find an object that has a **high density**. _____
 - e. Find an object that is **conductive**. _____
 - f. Find an object that is **ductile**. _____
 - g. Find an object that matches your favorite **color**. _____
 - h. Find an object that has a **high mass / low mass** . _____
2. Post your pictures (or draw them and keep them in your binder) to the google classroom

WEDNESDAY - Question analysis

Answer the following question. Either post to GC or save in your science binder.

1. Mr Mapes placed a breath mint and a lump of toothpaste in a cup of water and let it sit overnight. Which statement best explains why the breath mint was gone the following morning, but the toothpaste was still at the bottom of the cup?
 - a. The breath mint was less soluble than the toothpaste.
 - b. The breath mint was more soluble than the toothpaste.
 - c. The breath mint had a lower density than the toothpaste.
 - d. The breath mint had a greater density than the toothpaste.
2. Select an answer and **justify (explain)** why you chose that answer.

THURSDAY - Making Models

1. Make a physical model showing the three different states of matter (phases) of a substance.
Hint --- H₂O
2. Explain to a parent or to a sibling what has to happen for any substance to change its phase.
 - a. Have parents initial here. _____
3. Post your picture in the GC or draw your model and save it in your binder.

FRIDAY - Game Day!!

The day you all have been waiting for...

1. Live Kahoot! At 10:00 AM.
2. I will post the game code in the google classroom and send it out through Remind.
3. Winner gets to pick the bonus Kahoot! topic.

STATE STANDARD

Strand 5, Concept 1, PO 1

~ Identify different kinds of matter based on their physical properties.